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	Application No.	Applicant(s)	
	10/664,082	TIEMANN, PETER	
Notice of Allowability	Examiner	Art Unit	
	Ted Kim	3746	
The MAILING DATE of this communication appeal All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIOF of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this app or other appropriate communication IGHTS. This application is subject to	plication. If not include will be mailed in due	ed course. THIS
1. This communication is responsive to 4/21/05.			
2. ☑ The allowed claim(s) is/are <u>1-8,10-19 and 21-23</u> .			
3. \boxtimes The drawings filed on <u>04/21/2005 & 09/16/2003</u> are accept	ted by the Examiner.		
 4. Acknowledgment is made of a claim for foreign priority ur a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority do International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE"	e been received. e been received in Application No cuments have been received in this i	national stage applica	
noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.	IENT of this application.		
 A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give 			IOTICE OF
6. CORRECTED DRAWINGS (as "replacement sheets") mus	st be submitted.		•
(a) including changes required by the Notice of Draftspers	son's Patent Drawing Review (PTO-	948) attached	
1) hereto or 2) to Paper No./Mail Date			
(b) including changes required by the attached Examiner's Paper No./Mail Date		ffice action of	
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t	.84(c)) should be written on the drawir he header according to 37 CFR 1.121(c	ngs in the front (not the	e back) of
7. DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT			Note the
Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	5. Notice of Informal Page 1. Interview Summary Paper No./Mail Dat 7. Examiner's Amendm 8. Examiner's Stateme 9. Other	(PTO-413), e nent/Comment	,

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EXAMINER'S AMENDMENT

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1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with John Musone on 6/3/05.

The application has been amended as follows:

CLAIMS

- Claim 1, 2ND line from the end, after "and to" a closed circuit cooling channel—has been inserted.
- Claim 1, 2ND line from the end, "the" has been replaced by –system of the– has been inserted.
- Claim 18, 2ND line from the end, after "and to" a closed circuit cooling channel— has been inserted.
- Claim 18, 2ND line from the end, "the" has been replaced by –system of the has been inserted.
- Claim 19, 2ND line from the end, after "and to" a closed circuit cooling channel— has been inserted.

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• Claim 19, 2ND line from the end, "the" has been replaced by –system of the– has been inserted.

REASONS FOR ALLOWANCE

- 2. The following is an examiner's statement of reasons for allowance: the prior art of record do not fairly teach the last paragraph, as amended above, of each of the independent claims in permissible combination with the rest of the claim limitations. While closed circuit cooling burner inserts are known per se, Sakurai et al and Hess having previously been applied, their use in gas turbine combustors has not been established. Particularly, when "the hot-gas-path component and the planar shaped element collectively form a channel which is fluidically connected to a coolant source on a first side and to a closed circuit cooling channel system of the burner insert on a second side." Note that in the prior art, where a cooling channel between the hot-gas-path component and the planar shaped element is used, such as in Sato or in Zarzalis, the cooling air is also the combustion air and which has already been heated. To further heat the cooling air in the closed circuit cooling channel system of the burner insert would require significant redesign of the air channels to ensure adequate cooling of the hot-gaspath component and the planar shaped element, the closed circuit cooling of the burner insert, as well as maintaining adequate combustion air to be burned with the burner insert.
- 3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

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accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Contact Information

Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Ted Kim whose telephone number is 571-272-4829. The Examiner can be reached on regular business hours before 5:00 pm, Monday to Thursday and every other Friday.

The fax numbers for the organization where this application is assigned are 703-872-9306 for Regular faxes and 703-872-9306 for After Final faxes.

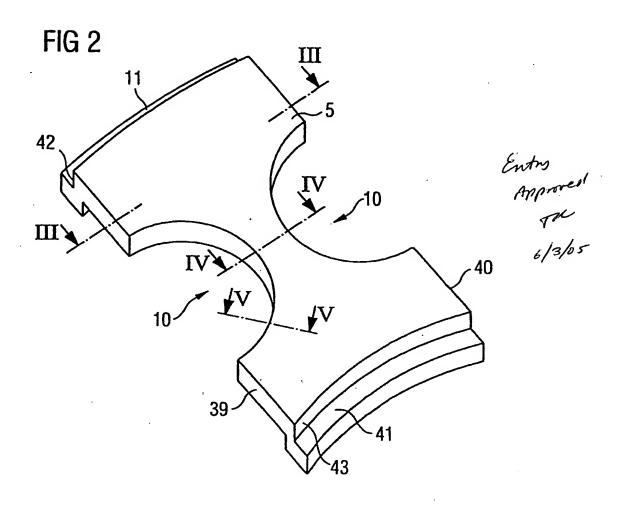
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Timothy Thorpe, can be reached at 571-272-4444.

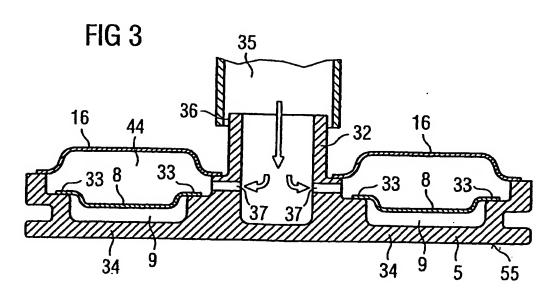
Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist of Technology Center 3700, whose telephone number is 703-308-0861. General inquiries can also be directed to the Patents Assistance Center whose telephone number is 800-786-9199. Furthermore, a variety of online resources are available at http://www.uspto.gov/main/patents.htm

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